



Sheet 1 of 7

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. PUAM-0258	Application No. 10/676,391
		Applicant Daniel Kahne, et al.	
		Filing Date October 1, 2003	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
JL	1	Allen, M., et al., "The role of hydrophobic side chains as determinants of antibacterial activity of semisynthetic glycopeptide antibiotics," <i>J. Antibiot.</i> , 1997, 50, 677-684	
	2	Beauregard, D., et al., "Dimerization and membrane anchors in extracellular targeting of vancomycin group antibiotics," <i>Antimicrob. Agents & Chemo.</i> , 1995, 39, 781-785	
	3	Betaneli, V.I., et al., "A convenient synthesis of 1,2-O-ethylidene derivatives of carbohydrates," <i>Carbohydrate Res.</i> , 1982, 107, 285-291	
	4	Blaakmeer, J., et al., <i>Int. J. Peptide Protein Res.</i> , 1991, 27, 556-564	
	5	Cohen, M., "Epidemiology of drug resistance: implications for a post-antimicrobial era," <i>Science</i> , August 21, 1992, 257, 1050-1055	
	6	Cooper, R., et al., "Chapter 14, Simisynthetic glycopeptide antibiotics," in <i>Ann. Rept. In Med. Chem.</i> , 1996, 31, 131-140	
	7	Damour, O., et al., "Cytotoxicity evaluation of antiseptics and antibiotics on cultured human fibroblasts and keratinocytes," <i>Burns</i> , 1992, 18, 479-485	
	8	Dick, W.E., <i>Carbohydr. Res.</i> , 1972, 21, 255-268	
	9	Felmingham, D., "Towards the ideal glycopeptide," <i>J. Antimicrob. Chemother.</i> , 1993, 32, 663-666	
JL	10	Gallop, M.A., et al., "Applications of combinatorial technologies to drug discovery 1. Background and peptide combinatorial libraries," <i>J. Med. Chem.</i> , 1994, 37, 1233-1251	
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JL	11	Gerhard, U., et al., "The role of the sugar and chlorine substituents in the dimerization of vancomycin antibiotics," <i>JACS</i> , 1993, 115, 232-237	
	12	Gordon, E.M., et al., "Applications of combinatorial technologies to drug discovery. 2. Combinatorial organic synthesis, library screening strategies, and future directions," <i>J. Med. Chem.</i> , 1994, 37, 1385-1401	
	13	Kannan, R., et al., "Function of the amino sugar and N-terminal amino acid of the antibiotic vancomycin in its complexation with cell wall peptides," <i>JACS</i> , 1988, 110, 2946-2953	
	14	Kusumoto, S., et al., <i>Bull. Chem. Soc. Jpn.</i> , 1986, 59, 1289-1298	
	15	Link, P.A.J., et al., <i>J. Heterocyclic Chem.</i> , 1985, 22, 873-878	
	16	Loll, P., et al., "Simultaneous recognition of a carboxylate-containing ligand and an intramolecular surrogate ligand in the crystal structure of an asymmetric vancomycin dimer," <i>JACS</i> , 1997, 119, 1516-1522	
	17	Mackay, J., et al., "Dissection of the contribution toward dimerization of glycopeptide antibiotics," <i>JACS</i> , 1994, 116, 4573	
	18	Malabarba, A., et al., "Glycopeptide resistance in multiple antibiotic-resistant gram-positive bacteria: a current challenge for novel semi-synthetic glycopeptide derivatives," <i>Eur. J. Med. Chem.</i> , 1997, 32, 459-478	
	19	Malabarba, A., et al., "Structural modifications of glycopeptide antibiotics," <i>Med. Res. Rev.</i> , 1997, 17(1), 69-137	
↓ JL	20	Mercier, R.-C., et al., "Pharmacodynamic evaluation of a new glycopeptide, LY333328, and in vitro activity against staphylococcus aureus and Enterococcus faecium," <i>Antimicrob. Agents Chemother.</i> , 1997, 1307-1312	
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JL	21	Mikami, Y., et al., "Comparison of in vitro antifungal activity of itraconazole and hydroxyl-itraconazole by colorimetric MTT assay," <i>MYCOSES</i> , 1994, 37, 27-33	
JL	22	Milewski, W.M., et al., "Overproduction of a 37-kilodalton cytoplasmic protein homologous to NAD ⁺ -linked D-lactate dehydrogenase associated with vancomycin resistance in staphylococcus aureus," <i>Antimicrobial Agents and Chemotherapy</i> , 1996, 40, 166-172	
JL	23	Mosmann, T., "Rapid colorimetric assay for cellular growth and survival; application to proliferation and cytotoxicity assays," <i>J. Immunol. Methods</i> , 1983, 65, 55-63	
JL	24	Nagarajan, R., et al., "Selective cleavage of vancosamine, glucose, and N-methyl-leucine from vancomycin and related antibiotics," <i>J. Chem. Soc. Chem. Comm.</i> , 1988, 1306-1307	
JL	25	Nagarajan, R., "Antibacterial activities and modes of action of vancomycin and related glycopeptides," <i>Antimicrob. Agents Chemother.</i> , 1991, 35, 605-609	
JL	26	Nagarajan, R., "Structure-activity relationships of vancomycin-type glycopeptide antibiotics," <i>J. Antibiotics</i> , 1993, 46, 1181-1195	
*	27	National Committee for Clinical Laboratory (NCCL) Standard, "Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically-third edition: approved standard," <i>NCCLS Document M7-A3</i> , National Committee for Clinical Laboratory Standard, Villanova, PA, 1993	
JL	28	Neu, H., "The crisis in antibiotic resistance," <i>Science</i> , August 21, 1992, 257, 1064-1073	
JL	29	Pankuch, G., et al., "Study of comparative anti-pneumococcal activities of penicillin G, RP 59500, erythromycin, sparfloxacin, and cancomycin by using time-kill methodology," <i>Antimicrob. Agents Chemother.</i> , 1994, 38, 2065-2072	
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* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



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JL	31	Pearce, C., et al., "Complete assignment of the ¹³ C NMR spectrum of vancomycin," <i>J. Chem. Soc. Perkin Trans.</i> , 1995, 2, 153-157	
	32	Prowse, W., et al., "Conformation of A82846B, a glycopeptide antibiotic, complexed with its cell wall fragment: an asymmetric homodimer determined using NMR spectroscopy," <i>Biochemistry</i> , 1995, 34(29), 9632-9644	
	33	Rodriquez, M. J., "Novel Glycopeptide Antibiotics: N-Alkylated Derivatives Active Against Vancomycin-Resistant Enterococci," <i>J. Antibiotics</i> , June 1998, 51(6), 560-569	
	34	Solenberg, P.J., et al., "Production of hybrid glycopeptide antibiotics in vitro and in streptomyces toyocaensis," <i>Chem. Biol.</i> , 1997, 4, 195-202	
	35	Terrett, N.K., et al., "Combinatorial synthesis - the design of compound libraries and their application to drug discovery," <i>Tetrahedron</i> , 1995, 51, 8135-8173	
	36	Thompson, L.A., et al., "Synthesis and applications of small molecule libraries," <i>Chem. Rev.</i> , 1996, 96, 555-600	
	37	Walsh, C., "Vancomycin Resistance: decoding the molecular logic," <i>Science</i> , July 16, 1993, 261, 308-309	
	38	Webb, et al., <i>Tetrahedron</i> , 1998, 54, 401-410	
	39	Westwall, et al., <i>J. Antibiotics</i> , 1995, 48, 1292	
✓ JL	40	Williams, D., et al., "Toward an estimation of binding constants in aqueous solution: studies of associations of vancomycin group antibiotics," <i>PNAS USA</i> , 1993, 90, 1172-1178	
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JL	41	Williams, D., et al., "Molecular basis of the activity of antibiotics of the vancomycin group," <i>Biochem. Pharm.</i> , 1988, 37, 133-141	
	42	Williams, D.H., et al., "An analysis of the origins of a cooperative binding energy of dimerization," <i>Science</i> , 1998, 280, 711-714	
	43	Yan, L., et al., "Glycosylation on the Merrifield resin using anomeric sulfoxides," <i>JACS</i> , 1994, 116, 6953-6954	
	44	Zelenitsky, S., et al., "Time-kill curves for a semisynthetic glycopeptide, LY333328, against vancomycin-susceptible and vancomycin-resistant <i>Enterococcus faecium</i> strains," <i>Antimicrob. Agents Chemother.</i> , 1997, 41, 1407-1408	
	45	Ge, M., et al., "Reconstruction of vancomycin by chemical glycosylation of the pseudoaglycon," <i>JACS</i> , 1998, 120, 11014-11015	
	46	Terrett, N.K., "Combinatorial Chemistry," <i>Oxford Univ. Press</i> , 1998, 97-102	
	47	Thompson, C., et al., "Synthesis of vancomycin from the aglycon," <i>J. Am. Chem. Soc.</i> , 1999, 121, 1237-1244	
JL	48	Westwell, M.S., et al., "Two conformers of the glycopeptide antibiotic teicoplanin with distinct ligand binding sites," <i>J. of Antibiotics</i> , November 1995, 1292-1298	
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
JL	49	5,602,229	02/11/97	Malabarba, et al.	530	317	
	50	5,668,272	09/16/97	Prasad, et al.	536	55.3	
	51	5,684,127	11/04/97	Malabarba, et al.	530	317	
	52	5,750,509	05/12/98	Malabarba, et al.	514	11	
	53	5,795,958	08/18/98	Rao, et al.	530	331	
	54	5,837,862	11/17/98	Wong, et al.	536	53	
	55	5,843,889	12/01/98	Cooper, et al.	514	8	
	56	6,498,238	12/24/02	Kim, et al.	536	16.8	
	57	09/840,927	04/25/01	Kim, et al.			
	58	5,861,492	01/1999	Kahne	36	4.1	
	59	6,388,059	05/2002	Kahne, et al.	536	18.6	
	60	6,518,243	02/2003	Kahne, et al.	514	8	
↓ JL	61	20020045574 A1	04/18/02	Kim, et al.	514	8	
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Examiner Initial		Document No.	Date	Name	Class	Subclass	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
JL	62	WO 00/04044 A1	01/27/00	PCT			
	63	WO 00/42067 A1	07/20/00	PCT			
	64	WO 00/69893 A1	11/23/00	PCT			
	65	WO 01/81373 A2	11/01/01	PCT			
	66	0 802 199 A2	10/22/97	EPO			
V JL	67	0 802 199 A3	11/05/97	EPO			
	68	0 881 229 A2	12/02/98	EPO			
EXAMINER /Jeffrey Lundgren/				DATE CONSIDERED 10/02/2006			